

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 058216-1334 - Transmission (Manual)

Sample No: LH0284799

Oil Type: PETRO CANADA DURATRAN



Sample Information

Sample Number	LH0284799	LH0278407	LH0269543	LH0238504
Sample Date	01 Jun 2024	25 Nov 2023	19 Jul 2023	27 Aug 2022
Machine Hours	9663	8879	7908	6201
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

MODERN CONSTRUCTION (1983) LTD.
 364 BRIGGS CROSS ROAD
 STILESVILLE, NB
 CA E1G 3G3
 Contact: Blaine Cail
 blaine.cail@moderngroup.ca
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	36.0	36.3	34.8	34.5
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	9	8	10
Sodium	ppm	<1	1	2	4
Potassium	ppm	0	1	1	0



Wear Metals

Iron	ppm	10	24	21	32
Copper	ppm	<1	<1	1	1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	2	1	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	3763	3814	3519	3600
Magnesium	ppm	12	12	10	12
Zinc	ppm	1496	1490	1380	1373
Phosphorus	ppm	1202	1189	1194	1208
Barium	ppm	0	<1	0	0
Boron	ppm	111	113	102	102

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 70W80 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: MODSTI
 Unique No: 5798997
 Signed: Kevin Marson
 Report Date: 12 Jun 2024



Graphs

